Attorney Docket No.: RPP:156A US Applicant or Patentee: Yasmin Thanavala, et al. Serial or Patent No:----- 09/420,695----Filed or Issued: October 19, 1999 ORAL IMMUNOLOGY USING PLANT PRODUCT For: CONTAINING HEPATITIS SURFACE ANTIGEN VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) AND 1.27(d)) - NONPROFIT ORGANIZATION I hereby declare that I am an official empowered to act on behalf of the nonprofit organization identified below: Name of Organization: Boyce Thompson Institute for Plant Research, Inc. Tower Road, Ithaca, New York 14853-1801 Address of Organization: Type of Organization: University or other institute of higher education M Tax exempt under Internal Revenue Service Code 26 USC 501(a) & 501(c)(3) Nonprofit scientific or educational under Statute of State of The United States [] of America (Name of State: , Citation of Statute: Would qualify as tax exempt under Internal Revenue Service Code 26 USC 501(a) and 501(c)(3) if located in the United States of America Would qualify as nonprofit scientific or educational under statute of State of the []United States of America if located in the United States of America (Name of State: , Citation of Statute:) I hereby declare that the nonprofit organization identified above qualifies as a nonprofit organization as defined in 37 CFR 1.9(e) for purposes of paying reduced fees under section 41(a) and (b) of Title 35 United States Code, to the Patent and Trademark Office with regard to the invention entitled: ORAL IMMUNOLOGY USING PLANT PRODUCT CONTAINING HEPATITIS SURFACE ANTIGEN by inventors: Yasmin Thanavala and Charles Joel Arntzen described in:

[]

[X]

Patent No.

the specification to be filed herewith

Application Serial No. 09/420,695, Filed October 19, 1999

, Issued

I hereby declare that rights under contract or law have been conveyed to and remain with the nonprofit organization with regard to the above identified invention.

If the rights held by the nonprofit organization are not exclusive, each individual, concern or organization having rights to the invention is listed below* and no rights to the invention are held by any person, other than the inventor, who could not qualify as an independent inventor under 37 CFR 1.9(c) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e). *Note: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities (37 CFR 1.27)

Full Name: Yasmin Thanavala
Address: 157 Presidio Place, Williamsville, New York 14221

[X] individual [] small business concern [] nonprofit organization

Full Name: Charles Joel Arntzen
Address: 1005 Highland Road, Ithaca, New York 14850-1447

[X] individual [] small business concern [] nonprofit organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Person Signing:

Charles J. Arntzen

Title in Organization:

President

Address of Person Signing:

Tower Road, Ithaca, New York 14853-1801

Signature:

Dated.

2000

Attorney	Docket No.:	RPP-1564	TIS
recorney	DOCKOLINO	TOT I TOOM	-

Applicant or Patentee:

Yasmin Thanavala and Charles J. Arntzen

Serial or Patent No: --- 09/420,695--

Filed or Issued:

October 19, 1999

For:

ORAL IMMUNOLOGY USING PLANT PRODUCT CONTAINING HEPATITIS SURFACE ANTIGEN

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) AND 1.27(b)) - INDEPENDENT INVENTOR

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, to the Patent and Trademark Office with regard to the invention entitled: ORAL IMMUNOLOGY USING PLANT PRODUCT CONTAINING HEPATITIS SURFACE ANTIGEN

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[X]	Application Serial	No. 09/420,695, Filed	October 19, 1999
]	Patent No.	, Issued	

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who could not be classified as an independent inventor under 37 CFR 1.9(c) if that person had made the invention or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

[X]	no such person, concern or organization
[]	persons, concerns or organizations listed below (Note: Separate verified statements are required from each named person, concern or organization having rights to the
	invention averring to their status as small entities (37 CFR 1.27)

Full Name: Boyce Thompson Institute For Plant Research, Inc.

Address: Tower Road, Ithaca, New York 14853-1801

> [] individual [] small business concern [X] nonprofit organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Inventor: Charles J. Arntzen

Signature of Inventor: Was

FORM **PTO-1595** REPROATION FORM COVER SILET U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) PATENTS ONLY Patent and Trademark Office OMB No. 0651-0011 (exp. 4/94) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Charles J. Arntzen Name: Boyce Thompson Institute for Plant Research, Inc. Internal Address: Tower Road Additional name(s) of conveying party(ies) attached? [] Yes [X] No 3. Nature of Conveyance: [X] Assignment [] Merger Street Address: same as above [] Security Agreement [] Change of Name City: Ithaca State: New York ZIP: 14853-1801 [] Other ___ Execution Date: January 25, 2000 Additional name(s) & address(es) attached? [] Yes [X] No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 09/420,695 Additional numbers attached? [] Yes [X] No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Dunn & Associates 7. Total fee (37 CFR 3.41).....\$ 40.00 Internal Address: P.O. Box 10 [X] Enclosed [] Authorized to be charged to deposit account Street Address: same as above 8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account) City: Newfane State: NY ZIP: 14108

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document; however, the above information is not to be used to interpret the document which speaks for itself.

Michael L. Dunn

Name of Person Signing

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Total number of pages including cover sheet, attachments, and document: 3

ASSIGNMENT OF INVENTION

WHEREAS, I, CHARLES J. ARNTZEN residing at 1005 Highland Road, Ithaca, New York 14850-1447, have invented certain new and useful improvements in:

ORAL IMMUNOLOGY USING PLANT PRODUCT CONTAINING HEPATITIS SURFACE ANTIGEN

for which I have made application for Letters Patent in the United States; and for which the specification was filed on October 19, 1999, and assigned U.S. Serial No. 09/420,695;

AND WHEREAS, BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., Tower Road, Ithaca, New York 14853-1801, a corporation of the State of New York, is desirous of acquiring all interest in said invention, said application disclosing the invention and any Letters Patent which may be granted therefor:

NOW THIS INDENTURE WITNESSETH, that for the sum of One Dollar, and other valuable consideration to me in hand paid, the receipt whereof is hereby acknowledged, I hereby assign, sell and transfer unto said BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC. the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto;

And I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., as the Assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary and lawful future documents, including assignments in favor of BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., or its designee as BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., or its

Assignee may from time-to-time present to me in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the Assignee thereof shall hereafter require and prepare at its own expense.

WITNESS, my hand and seal this 2	5 day of January, 2000.
WITNESS:	
Dulla OKinfe	Cares Clube
WITNESS.	Charles J. Arntzen
WIINESS:	
mm Kayske	·
STATE OF NEW YORK Arizonce	SS:
COUNTY OF Maricopa	-
On this 25 day of Am	in the year of 2000, before me, the subscriber,
personally appeared CHARLES J. ARNTZ	EN to me known to be the person described in and
who executed the foregoing instrument, and	who acknowledged that he executed the same.
CAROL L. SMITH Notary Public - Arizona Maricopa County	Law A Smear

Notary Public

PTO-103X (Rev. 6-99)

FILING RECEIPT
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UNITED STATES ... ARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

APPLICATION NUMBER FILING DAT	E GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
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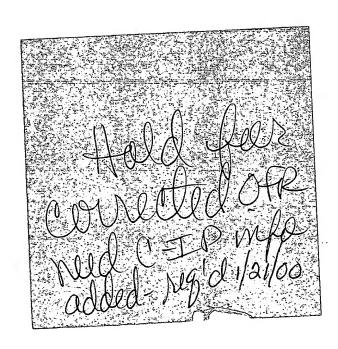
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Applicant(s)

YASMIN THANAVALA, WILLIAMSVILLE, NY; CHARLES JOEL ARNTZEN, ITHACA, NY.

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 11/09/99 ** SMALL ENTITY ** TITLE
ORAL IMMUNOLOGY USING PLANT PRODUCT CONTAINING HEPATITIS SURFACE
ANTIGEN

PRELIMINARY CLASS: 424



DATA ENTRY BY: MIDDLETON, MATTIE TEAM: 04 DATE: 02/01/00

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The words "new," "improved," "improvement," "improvements in or relating to" are not included as the first words in the title of an application because a patent application is, by nature, a new idea or improvement.

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